

Education

New York, NY	Macaulay Honors College at The College of Staten Island	Sept 2016 – May 2020
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Major: Computer Science

Minor: Mathematics

Programming Coursework: Algorithms & Data Structures, Operating Systems, Networks

Employment

Software Engineer	Wells Fargo	Aug 2022 – April 2024
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- Maintained software products including applications and databases. My focus was on extract-transform-load (ETL) work that includes developing internal Python applications using Django and Luigi frameworks to handle transferring large amounts of data from one database to another.
- Scheduled ETL jobs and fixtures using Autosys so that each ETL would run on a specific schedule laid out by stakeholders.
- Designed and developed UI's using APEX, Oracle and setting up materialized views for each page developed.
- Led Agile based Scrum meetings within my team that focused on Sprint planning and the future efforts of each developer on the team.
- Utilized knowledge in Python, Flask, SQL, Oracle, Git, Agile methodologies and debugging using unit testing, Splunk logging

Software Engineer	Tata Consultancy Services	Aug 2020 – Aug 2022
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- Assigned to work for Morgan Stanley through Tata Consultancy Service as a Full Stack Developer.
- Developed and managed in-house web app using Node, Angular, and HTML/CSS that allowed Business and Operations to manage and view licenses status, boosting yearly revenue by 47%.
- Built RESTful APIs that served data to the JavaScript front-end based on user inputs.
- Constructed the logic for a multistep form in Angular that saves all input data at each step, which improved the user experience and productivity of the application.
- Collaborated with an agile team of 10, and helped prioritize and scope feature requests to ensure that the biggest impact features were worked on initially.
- Tested applications for bugs and operating speed, increasing efficiency by 15% Maintained 6+ applications as Tier 2 support.
- Utilized knowledge in Full Stack Development, C#, Angular, JavaScript, TypeScript, HTML, CSS, SQL, Git, Agile methodologies, and debugging using Chrome developer Tools, Unit Testing

Software Projects

Personal Website: <https://www.vsquaredcoding.com>

ProtectSI

- Built a full-stack web app to allow users to see and enter crowd sourced data from COVID-19 victims and others who may have been in contact with the virus.
- Utilized MongoDB to save the data entered in a form by the user, displayed in an embedded Google Maps display on a UI at the location the user entered.
- Utilized JavaScript, SQL, HTML/CSS

Guardian

- Utilized Watson Tone Analyzer to analyze the mood of social media posts to check for suicidal behaviors in speech.
- An algorithm using cloud-based AI was created to tackle the rising suicide rate of veterans.
- Awarded 1st Place in the CUNY IBM Case Competition in 2019 for this project.
- Utilized Python, Flask, Heroku, IBM Watson

Skills

Software: Python, C#, Java, Angular, Git JavaScript, TypeScript, HTML/CSS, SQL, Oracle, Jira

Certifications: Microsoft AZ-900 Cloud Certification - 2023